

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number
WO 2005/093630 A1

(51) International Patent Classification⁷: **G06F 19/00**,
C12Q 1/68

Hall Gardens, East Leake, Leicestershire LE12 6NA (GB).
OKYERE, John, Payin [GH/GB]; 40 Elswick Drive,
Beeston, Nottingham NG9 1NQ (GB).

(21) International Application Number:
PCT/GB2005/001218

(74) Agent: **BARKER BRETTELL**; 138 Hagley Road, Edg-
baston, Birmingham B16 9PW (GB).

(22) International Filing Date: 24 March 2005 (24.03.2005)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0406800.3 26 March 2004 (26.03.2004) GB

(71) Applicant (*for all designated States except US*): **THE
UNIVERSITY OF NOTTINGHAM** [GB/GB]; Univer-
sity Park, Nottingham NG7 2RD (GB).

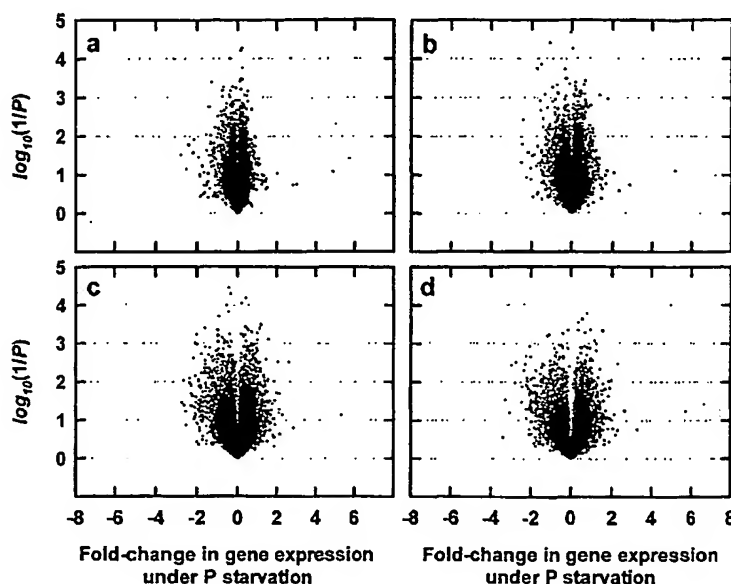
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **MAYS, Sean,**
Tobias [GB/GB]; 18 Albert Road, Beeston, Nottingham
NG9 2GU (GB). **CRAIGON, David, James** [GB/GB]; 11

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: CROSS-SPECIES MICROARRAYS



(57) Abstract: A method for the identification of one or more oligonucleotides on a microarray derived from a first species which can be used to analyse a corresponding nucleotide sequence from a second species, or a distinct variety of the first species, the method comprising applying genomic DNA from the second species, or distinct variety of the first species, to the microarray derived from the first species and identifying/selecting oligonucleotides on the microarray which hybridise to the genomic DNA.

WO 2005/093630 A1

Best Available Copy



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*